

ABSTRACT

The piezoelectric transformer of the present invention has a piezoelectric element 109 mainly formed of a piezoelectric material, primary electrodes 101U and 101D which are formed on the piezoelectric element 109 and to which a voltage is applied, a secondary electrode 102 which is formed on the piezoelectric element 109 and from which a voltage higher than the voltage applied to the primary electrode is output, and a sensor electrode 103 which is formed on the piezoelectric element 109 and from which a voltage lower than the output voltage of the secondary electrode is output.